

WHAT IS CLAIMED IS:

1. An information processing apparatus  
connected to a peripheral device by using a local  
interface, comprising:

5       display means for displaying an instruction  
input unit which can input or instruct a command that  
corresponds to said local interface and is used for  
controlling an operation of said peripheral device  
onto a display screen via a Web browser;

10       recognizing means for recognizing the operation  
instructed or inputted by said instruction input unit  
displayed by said display means;

      calling means for calling a general program  
corresponding to the operation in response to the  
15   operation recognized by said recognizing means;

      issuing means for issuing the command which can  
be interpreted by said peripheral device and  
corresponds to the local interface in response to  
execution of the general program called by said  
20   calling means; and

      transfer means for transferring the command  
issued by said issuing means to said peripheral  
device.

25       2. An apparatus according to claim 1, wherein  
a plurality of peripheral devices can be  
connected to said information processing apparatus,

said information processing apparatus further has selecting means for selecting the peripheral device serving as an operation target from said plurality of peripheral devices, and

5        said display means displays said display screen corresponding to said peripheral device in response to the selection of the peripheral device in said selecting means.

10        3. An apparatus according to claim 2, wherein  
      said issuing means is controlled by a program for issuing a predetermined printer control command,  
      said information processing apparatus further has discriminating means for recognizing a type of  
15    said peripheral device in response to the selection of the peripheral device serving as an operation target in said selecting means and discriminating whether the program for issuing said predetermined printer control command is a program which can issue  
20    the command corresponding to said recognized type of the peripheral device or not, and

      if said discriminating means determines that said program for issuing said predetermined printer control command is not the program which can issue  
25    the command corresponding to said recognized type of the peripheral device, a program for issuing a new printer control command is downloaded from an outside.

4. An apparatus according to claim 1, further comprising obtaining means for waiting for and obtaining an execution result in said peripheral device of the command issued by said issuing means,  
5 and

wherein when said obtaining means obtains the execution result of the command issued by said issuing means, said display means dynamically displays the execution result of said command onto  
10 said display screen.

5. An apparatus according to claim 4, wherein said command is a cleaning command for cleaning nozzles of a printing mechanism provided for a  
15 printer serving as a peripheral device, and when execution of the cleaning command of said printer has normally been finished, said display means displays a message indicative of the normal end onto said display screen.

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6. An information processing method for an information processing apparatus connected to a peripheral device by using a local interface, comprising:

25 a display control step of controlling a process for displaying an instruction input unit which can input or instruct a command that corresponds to said

local interface and is used for controlling an operation of said peripheral device onto a display screen via a Web browser;

5 a recognizing step of recognizing the operation instructed or inputted by said instruction input unit displayed by said display process which is controlled in said display control step;

a calling step of calling a general program corresponding to the operation in response to the operation recognized by said recognizing step;

10 an issuing step of issuing the command which can be interpreted by said peripheral device and corresponds to the local interface in response to execution of the general program called by said calling step; and

15 a transfer step of transferring the command issued by said issuing step to said peripheral device.

7. A method according to claim 6, wherein  
20 a plurality of peripheral devices can be connected to said information processing apparatus, said information processing method further has a selecting step of selecting the peripheral device serving as an operation target from said plurality of peripheral devices, and

25 in the display process which is controlled in said display control step, said display screen

corresponding to said peripheral device is displayed in response to the selection of the peripheral device in said selecting step.

5           8. A method according to claim 7, wherein  
            said issuing step is controlled by a program  
            for issuing a predetermined printer control command,  
            said information processing method further has  
            a discriminating step of recognizing a type of said  
10     peripheral device in response to the selection of the  
            peripheral device serving as an operation target in  
            said selecting step and discriminating whether the  
            program for issuing said predetermined printer  
            control command is a program which can issue the  
15     command corresponding to said recognized type of the  
            peripheral device or not, and

            in said discriminating step, if it is  
            determined that said program for issuing said  
            predetermined printer control command is not the  
20     program which can issue the command corresponding to  
            said recognized type of the peripheral device, a  
            program for issuing a new printer control command is  
            downloaded from an outside.

25           9. A method according to claim 6, further  
            comprising an obtaining step of waiting for and  
            obtaining an execution result in said peripheral

device of the command issued by said issuing step,  
and

wherein in said obtaining step, when the  
execution result of the command issued by said  
5 issuing step is obtained, said display process which  
is controlled by said display control step  
dynamically displays the execution result of said  
command onto said display screen.

10 10. A method according to claim 9, wherein said  
command is a cleaning command for cleaning nozzles of  
a printing mechanism provided for a printer serving  
as a peripheral device, and in said display control  
step, when execution of the cleaning command of said  
15 printer has normally been finished, a message  
indicative of the normal end is displayed onto said  
display screen.

11. A computer-readable memory medium which  
20 stores a control program for controlling an  
information processing apparatus connected to a  
peripheral device by using a local interface,  
comprising:

a display step of displaying an instruction  
25 input unit which can input or instruct a command that  
corresponds to said local interface and is used for  
controlling an operation of said peripheral device

onto a display screen via a Web browser;

a recognizing step of recognizing the operation instructed or inputted by said instruction input unit displayed in said display step;

5 a calling step of calling a general program corresponding to the operation in response to the operation recognized by said recognizing step;

an issuing step of issuing the command which can be interpreted by said peripheral device and  
10 corresponds to the local interface in response to execution of the general program called by said calling step; and

a transfer step of transferring the command issued by said issuing step to said peripheral device.

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